



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### KANSAS, Southeast

**KSZ051>053-067>072-082>083-091>096-098>100** Mcpherson - Marion - Chase - Reno - Harvey - Butler - Greenwood - Woodson - Allen - Kingman - Sedgwick - Harper - Sumner - Cowley - Elk - Wilson - Neosho - Chautauqua - Montgomery - Labette

**01 2200CST**  
**02 0600CST**

**0 0**

**Winter Storm**

Low pressure developed rapidly over New Mexico during the morning. As the low moved east into West Texas, it deepened considerably, allowing rich gulf moisture to surge north across East Texas and Oklahoma and into Kansas. An upper-level impulse lifting northeast across the Southern Plains induced sufficient lift to produce bands of snow across Central Kansas late in the afternoon. By evening, the snow increased in both coverage and intensity, and between 10 PM and midnight, moderate to heavy snow occurred across that part of Central Kansas generally along, and southeast, of a line from Hutchinson to McPherson. By midnight, the snow had overspread South-Central and most of Southeast Kansas. Accumulations were 3-6 inches, with the greater amounts occurring across Southeast Kansas where the snow was occasionally convective. However, northerly winds of 30-40 mph whipped across the region resulting in widespread blowing and drifting snow that frequently reduced visibilities to around 1/4 mile

Ellsworth County									
Ellsworth	08	1807CST			0	0			Hail(0.88)
Ellsworth County									
Ellsworth	08	1810CST			0	0			Hail(0.75)
Barton County									
1 E Great Bend	08	1812CST			0	0			Hail(1.00)
Barton County									
4 N Great Bend	08	1823CST			0	0			Hail(1.00)
Lincoln County									
2 W Westfall	08	1829CST			0	0			Hail(0.88)
Barton County									
7 S Great Bend	08	1838CST			0	0			Hail(1.00)
Barton County									
5 SE Great Bend	08	1843CST			0	0			Hail(1.00)
Rice County									
5 SE Chase	08	1857CST			0	0			Hail(1.00)
Ellsworth County									
1 SW Kanopolis	08	1900CST			0	0			Hail(1.00)
Ellsworth County									
Ellsworth	08	1905CST			0	0			Hail(0.75)
Reno County									
Abbyville	08	1912CST			0	0			Hail(1.00)
Rice County									
Lyons	08	1920CST			0	0			Hail(0.88)
Rice County									
Lyons	08	1920CST			0	0			Thunderstorm Wind (G54) <sup>M</sup>
Reno County									
Langdon	08	1926CST			0	0			Hail(0.75)
Reno County									
5 W Arlington	08	1930CST			0	0			Hail(1.75)
Reno County									
Hutchinson	08	1930CST			0	0	25K		Thunderstorm Wind (G56)

Downed power lines severed power to approximately 155-160 residences.



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<u><b>KANSAS, Southeast</b></u>									
Saline County									
4 S Salina	08	1931CST			0	0		Hail(0.75)	
Reno County									
3 NW Hutchinson	08	1934CST			0	0		Hail(0.75)	
Saline County									
Brookville	08	1935CST			0	0		Hail(0.75)	
Reno County									
4 NE Arlington	08	1936CST			0	0		Hail(0.75)	
Kingman County									
8 W Kingman	08	1938CST			0	0		Hail(1.00)	
Reno County									
Arlington	08	1939CST			0	0		Hail(0.75)	
Kingman County									
Kingman	08	1945CST			0	0	25K	Thunderstorm Wind (G61)	
Power lines and power poles downed on west side of town along highway 54.									
Mcperson County									
5 W Mc Pherson	08	1946CST			0	0		Hail(0.75)	
Mcperson County									
3 SW Conway	08	1947CST			0	0		Hail(0.75)	
Mcperson County									
5 W Mc Pherson	08	1950CST			0	0		Hail(0.88)	
Kingman County									
Kingman	08	1953CST			0	0		Thunderstorm Wind (G53) <sup>M</sup>	
Measured by KSN weather lab at Kingman elementary school.									
Reno County									
Pretty Prairie	08	1954CST			0	0		Hail(0.75)	
Reno County									
2 E Hutchinson	08	1959CST			0	0		Hail(0.75)	
Sedgwick County									
Wichita	08	2000CST			0	0	50K	Thunderstorm Wind (G52)	
Fallen limbs damaged cars at Wichita State. A fence surrounding Levitt Arena was damaged. Limbs hitting power lines severed power to 265 residences.									
Sumner County									
1 N Oxford	08	2000CST			0	0	5K	Thunderstorm Wind (G63) <sup>M</sup>	
Exit 19 sign for Wellington blown down.									
Kingman County									
Spivey	08	2007CST			0	0		Hail(1.00)	
Reno County									
8 E Hutchinson	08	2011CST			0	0		Hail(0.75)	
Kingman County									
10 E Kingman	08	2017CST			0	0		Hail(0.75)	
Harper County									
Corwin	08	2020CST			0	0		Hail(0.75)	
Harper County									
2 S Harper	08	2020CST			0	0		Thunderstorm Wind (G52)	
Harper County									
Harper	08	2028CST			0	0		Hail(1.00)	



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<u>KANSAS, Southeast</u>									
Harvey County 2 SE Newton	08	2028CST			0	0			Hail(1.00)
Marion County Tampa	08	2030CST			0	0			Hail(0.75)
Sedgwick County 5 E Andale	08	2030CST			0	0			Hail(0.75)
Sedgwick County Cheney	08	2032CST			0	0			Hail(0.75)
Harvey County 7 NE Newton	08	2038CST			0	0			Hail(1.00)
Harper County Harper	08	2043CST			0	0			Thunderstorm Wind (G52)
Harvey County Sedgwick	08	2043CST			0	0			Hail(1.00)
Sedgwick County Wichita	08	2043CST Mid-Continent Airport.			0	0			Thunderstorm Wind (G53) <sup>M</sup>
Sedgwick County Wichita	08	2044CST North Wichita.			0	0			Thunderstorm Wind (G50) <sup>M</sup>
Sumner County 5 NW Conway Spgs	08	2047CST			0	0			Thunderstorm Wind (G56)
Butler County Andover	08	2052CST			0	0			Thunderstorm Wind (G60) <sup>M</sup>
Sumner County 4 N Argonia	08	2052CST			0	0			Hail(0.75)
Sedgwick County Maize	08	2058CST			0	0			Thunderstorm Wind (G56)
Sedgwick County Viola	08	2058CST			0	0			Hail(0.75)
Harvey County Newton	08	2100CST Downed power lines severed power to approximately 155-160 residences.			0	0	25K		Thunderstorm Wind (G56)
Butler County Towanda	08	2102CST			0	0			Thunderstorm Wind (G52)
Chase County 1 NE Elmdale	08	2105CST			0	0			Hail(0.88)
Butler County 4 SW Cassoday	08	2112CST Semi overturned on Kansas turnpike at mile marker 73.			0	0	25K		Thunderstorm Wind (G56)
Butler County El Dorado	08	2115CST On Kansas Turnpike, one semi-trailer overturned. Three miles away, a second semi-trailer was involved in a two-vehicle accident. No injuries or fatalities reported with either mishap. Downed power lines severed power to approximately 155-160 residence.			0	0	50K		Thunderstorm Wind (G56)
Sumner County 4 S Milan	08	2115CST			0	0			Thunderstorm Wind (G56)



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<u><b>KANSAS, Southeast</b></u>								
Butler County Potwin	08	2117CST			0	0	20K	Thunderstorm Wind (G56) Large poles downed.
Butler County Rose Hill	08	2130CST			0	0		Thunderstorm Wind (G52)
Sumner County Belle Plaine	08	2130CST			0	0		Hail(1.00)
Cowley County Arkansas City	08	2138CST			0	0		Thunderstorm Wind (G64) <sup>M</sup> KSN Weather Lab.
Butler County 2 S Rose Hill	08	2150CST			0	0		Thunderstorm Wind (G56) Large branches downed.
Sumner County 2 S Oxford	08	2154CST			0	0		Hail(0.88)
Greenwood County Fall River Res	08	2215CST			0	0		Thunderstorm Wind (G52)
Chautauqua County Sedan	08	2236CST			0	0		Thunderstorm Wind (G52)
Woodson County Yates Center	08	2245CST			0	0		Thunderstorm Wind (G52)
Chautauqua County Sedan	08	2258CST			0	0	15K	Thunderstorm Wind (G52) Power lines downed.
Elk County 4 N Howard	08	2258CST			0	0		Thunderstorm Wind (G52) Limbs downed.
Allen County 3 NE Iola	08	2300CST			0	0	100K	Thunderstorm Wind (G78) Dairy farm hit. Damage summary: Roof blown off a machine shop, a lean-to blown over, downed power lines, and most of the cattle pens that were tossed. One head of cattle sustained minor injuries. One quarter mile east of the dairy farm, a delivery truck was blown onto it's side.
Allen County Iola	08	2302CST			0	0	50K	Thunderstorm Wind (G61) Windows blown out of unspecified number of cars and businesses. Trees and power lines downed.
Montgomery County Coffeyville	08	2325CST			0	0		Thunderstorm Wind (G50) <sup>M</sup> Coffeyville ASOS.
Montgomery County Coffeyville	08	2339CST			0	0	75K	Thunderstorm Wind (G70) Large section of roof torn from a church and blown onto adjacent building.
Neosho County Earlton	08	2344CST			0	0	10K	Thunderstorm Wind (G56) Power lines downed.
Labette County 2.5 S Altamont	09	0000CST			0	0	20K	Thunderstorm Wind (G61)



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### KANSAS, Southeast

Roof and rafters of shed lifted intact and blown 30-50 yards east of shed's location. Minor damage to outbuildings. A few limbs greater than 2 inches in diameter downed.

**Labette County**  
**2 S Altamont**

<b>09</b>	<b>0000CST</b>	<b>0</b>	<b>0</b>	<b>100K</b>	<b>Thunderstorm Wind (G65)</b>
	<b>0005CST</b>				

Extensive damage at a farm. Damage summary: Machine shed lifted off foundation and destroyed with all machinery stored inside strewn. Machine shed blew into neighbor's yard, hitting two barns. Of the two barns, one was unroofed while the second lost nearly half it's roof. Numerous shingles were torn off the house. Gates to a third barn were blown down. Pool damaged.